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Appl. No. : 09/771,144  
Filed : January 26, 2001

**REMARKS**

Applicants respectfully request reconsideration of the present application in view of the foregoing amendments and the following remarks.

**Restriction Requirement**

In the August 26, 2004 Office Action, the Examiner restricted Claims 1-74 under 35 U.S.C. § 121. The Examiner groups the claims as follows.

- Group I: Claims 1-23 and 50-55 drawn to a quadrature modulator, classified in class 332, subclass 103;
- Group II: Claims 24-46, 64-69, 73, and 74 drawn to gain and phase compensation, classified in class 375, subclass 371;
- Group III: Claims 47-49 drawn to a phase shifter, classified in class 331, subclass 135;
- Group IV: Claims 56-60 and 71 drawn to a digital filter, classified in class 375, subclass 350;
- Group V: Claims 61-63 and 72 drawn to determining a time domain impulse response, classified in class 455, subclass 67.11;
- Group VI: Claim 70 drawn to determining a DC offset, classified in class 375, subclass 319.

In response to the restriction requirement, Applicants elect, without traverse, Group I with Claims 1-23 and 50-55, drawn to a quadrature modulator. Claims 24-49 and 56-74 have been cancelled as being drawn to a non-elected invention. Applicants reserve the right to pursue the cancelled claims in a divisional application.

**Amendments to Claims 8 and 9**

Applicants have amended Claim 8 to change an "a" to an "an" to correct grammar. Applicants have also amended Claim 9 to add a missing "and" to correct grammar.

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Summary

In view of the foregoing, Applicants respectfully submit that Claims 1-23 and 50-55 are in condition for examination on the merits and request the same. If there are any remaining issues that can be resolved by a telephone conference, the Examiner is invited to call the undersigned attorney at (310) 407-3466 or at the number listed below.

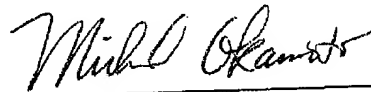
Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: Sept. 22, 2004.

By: \_\_\_\_\_



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